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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/923,089 | 08/06/2001 | Harold V. Putman | D-1144 | 9431 |
| 28995 | 7590 | 11/19/2003 | EXAMINER | |
| RALPH E. JOCKE 231 SOUTH BROADWAY MEDINA, OH 44256 | | | LEE, SEUNG H | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2876 | |

DATE MAILED: 11/19/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/923,089

Applicant(s)

PUTMAN ET AL.

Examiner

Seung H Lee

Art Unit

2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Receipt is acknowledged of the amendment filed on 31 July 2003, which has been entered in the file.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1, 8, 9, 29 and 30 are rejected under 35 U.S.C. 102(e) as being anticipated by Clark et al. (US 6,378,770)(hereinafter referred to as 'Clark').

Clark teaches a automated teller machine (ATM)(10) comprising controller unit (30) serving as a computer, a cash dispenser (18) serving as a transaction function device wherein the cash dispenser is operative connection with the controller unit, a second display device (20) and a first display device (28) in operative connection with controller unit, a first type input device or keypad (27) associated with the first display (28) and a second input device or a card reader (14) associated with the second display (28) wherein the first and the second input devices are different type and are in operative connection with the controller unit, the control unit having a processing unit (32) and memory unit (34) for executing banking procedure or software to displaying the instruction of requesting user to input the personal identification number (PIN) using

Art Unit: 2876

keypad (27) on the first display (28) and reading input data from the card reader (14) and displaying the information on the second display (20) thereon, and executing of banking procedure of the control unit producing two output layer according to the user panel, that is, the control unit is generating screen information including a card reader (14) information on the user side panel (12) and the controller unit is generating the screen information without the card reader information on the operator side panel (26) in which the display screen is menu driven or command instruction of the banking operation based on users interacting with the ATM, e.g., the display (20) is displaying instruction to user for entering PIN after the controller unit read the data/information stored on the card using the card reader, and the first input device and the first displaying device is accessible by an operator positioned on adjacent to the operator panel (26) whereas the second input device and the second displaying device is accessible by an user positioned on the user panel (12) (14) (see Figs. 1, 2; col. 2, line 53- col. 24).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Art Unit: 2876

5. Claims 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Clark.

The teachings of Clark have been discussed above.

In addition to the teachings of Clark as discussed above, he also teaches that the ATM is not available to customer to use the ATM when the ATM enter a supervisor mode (step 124) for maintenance related function (see Fig. 5; col. 47-65).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Clark in order to provide an user friendly system means for displaying a plurality of menu for supervisor mode related functions (e.g., status report, replenishing cash, etc.) on the first monitor along displaying message on the second displaying device, such as "temporarily out of order", etc. in which serves as a spanning of displaying devices.

6. Claims 4-7, 10-28, and 31-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Clark in view of Coutts et al. (US 6,311,165)(hereinafter referred to as 'Coutts').

The teachings of Clark have been discussed above.

Although, Clark teaches the ATM storing the software/program to execute various commands for operating the ATM, he fail to particularly teach or fairly suggest that the document including commands is hardware independent.

However, Coutts teaches the ATM wherein the ATM is operated using a software/program serving as an electronic document in which the software/program is

Art Unit: 2876

created with the JAVA program language wherein the JAVA program language is hardware independent type program language, and the software/program including the event processors such as ATMInterface, CardReader, CashDispenser serving as a maintenance function, etc. wherein the event processors can be invoked by inserting card into card reader and/or entering the data using keyboard, the ATM terminal also including touch screen for emulating mouse device in which is serving as a pointing device and/or a function key, and the JAVA program is compiled with the main application including commands for importing the JAVA class files such as Account, CardReader, etc. and/or creating the objects or constructors wherein the imported JAVA class files, created objects, and constructors are including human readable language and command to generate the graphical user interface (GUI) on the display of the ATM (see Figs. 1, 4-5, 11, 10, 18, 22-29, 33, 42-58; col. 1, lines 19-65; col. 24, line 46- col. 56, line 4).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the well-known JAVA language as taught by Coutts to the teachings of Clark in order to provide an hardware independent program due to the fact that the JAVA program is known in the art to for the hardware indepedece programming language, that is, running every hardware after compiling source code once. Moreover, it would have been obvious to one of ordinary skill in the art to recognize that the JAVA programming language is importing the class files into the main application source file or applets in order to provide an object oriented programming capability wherein the class files and objects can have the event processor to invoke the

Art Unit: 2876

GUI to interact with various peripherals such as a card reader, keypad, a display, etc. Furthermore, Clark as modified by Coutts fail to particularly mention the first document, a second document, a first command, a second command, a third command, it would have been obvious to one of ordinary skill in the art at the time the invention was made to realize that the first document, the second document, the first command, the second command, the third command are used to generate the GUI system programmed with JAVA programming language, that is, a source file is needed to generate the executable file by compiling the source file and the commands are needed to generate the GUI interface that displays buttons, text fields, etc. to receiving input from the user(s) and executing proper functions with user input, and therefore an obvious expedient.

Response to Arguments

7. Applicant's arguments with respect to claims 1-40 have been considered but are moot in view of the new ground(s) of rejection.

In response to the applicant's argument that *"Clark does not disclose or suggest an automated banking machine with first and second displays which are each associated with different types of input devices"* (see page 22, line 18+), the Examiner respectfully disagrees with the applicant wherein Clark teaches the keypad and the card reader as input devices in which are different types of input devices as discussed in paragraph 3 above.

In response to applicant's argument that *"...nowhere does Clark discloses or suggest generating first and second user interfaces through first and second displays of*

an automated banking responsive to the determined types of the input device associated with each display" (see page 23, line 15+), the Examiner respectfully disagrees with the applicant wherein Clark teaches that keypad (27) is associated with display device (28) and the card read (14) is associated with display device (20).

In response to the applicant's argument *that "Thus the Action failed to show that Clark and/Coutts disclose or suggest that an automated banking machine include both a software and a document....."* (see page 35, 3+), the Examiner respectfully disagrees with the applicant wherein Coutts discloses a JAVA software serving as an (electronic) document wherein the JAVA software including a plurality of command to operate the hardware such as an automated banking machine equipped with card readers, keypads, display devices, etc., and therefore an obvious expedient.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure;

Bodnar [US 6,061,790] anmd Korman et al. [US 6,308,887] discloses an automated banking machine that is operated by JAVA software.


Any inquiry concerning this communication or earlier communication from the examiner should be directed to Seung H. Lee whose telephone number is (703) 308-5894. The examiner can normally be reached on Monday to Friday from 7:30 AM to 4:00 PM.

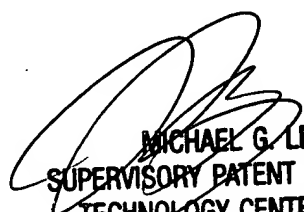
If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee, can be reached on (703) 305-3503. The fax-phone number for this group is (703) 308-5841 or (703) 308-7722.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [michael.lee@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.


Seung H. Lee
Art Unit 2876
November 4, 2003


MICHAEL G. LEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800